

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1987	(188/313,314,319.1,319.2,322.2,299.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/21 11:58
L7	599	(188/322.15).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2012/03/21 12:10
L8	24408	intensifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/21 12:10
L9	2	7 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/21 12:10
S2	4	((("4683992") or ("5190126") or ("5954167") or ("6254067"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/18 14:47
S3	1969	(188/313,314,319.1,319.2,322.2,299.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/19 15:01
S4	21	("3062330" "4153237" "4491207" "4546959" "4872537" "4936424" "5351790").PN. OR ("6254067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:42
S5	57	("1281079" "2140359" "2252772" "2329803" "3319741" "3338347" "3414092" "4254849" "4917222" "4953671" "4958706" "4997068" "5332068" "5462140").PN. OR ("5954167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:46
S6	25	("2244501" "2357278" "3990687" "4210344" "4245854" "4683992" "4749068" "4972928").PN. OR ("5190126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:49
S7	29	("2592656" "2698068" "2771248" "3146862" "3532194" "3827538" "4314585" "4352487" "4463839").PN. OR ("4683992").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:50
S8	34	("1492328" "20030213662" "20070080515" "20070228691" "20080023935" "20090000886" "20090000887" "20090000888" "3127958" "3892298" "4126302" "4214737" "4492290" "4899853" "5332068"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:51

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S9	7	("20070119670" "20070227845" "5957252" "6360857" "6581948" "7520372" "7641028").PN. OR ("7690667").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:53
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S13	3	("4958706" "5094325" "5810128").PN. OR ("6286641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:57
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S15	29	("2384186" "2714429" "2853159"	US-PGPUB;	OR	ON	2011/08/19

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S16	56	("1807422" "1967169" "2342381" "3062330" "3419114" "3817566").PN. OR ("4153237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 15:59
S17	172	("1281079" "1492328" "1873133" "1873208" "1953178" "20020117830" "20020149141" "20020175035" "20030042087" "20030075402" "20030213662" "20040020730" "20040061303" "20040222056" "20040232650" "20040245746" "20050012297" "20050023094" "2046689" "2046690" "2050953" "2329803" "2512269" "2774448" "2877872" "3036844" "3086786" "3114705" "3319741" "3338347" "3414092" "3989261" "4210344" "4254849" "4295658" "4313529" "4492290" "4527676" "4530425" "4561669" "4572317" "4576258" "4591186" "4606440" "4620619" "4647069" "4650212" "4660688" "4686626" "4717173" "4741554" "4787644" "4789051" "4827416" "4917222" "4936423" "4964625" "4971344" "4993523" "5072813" "5080205" "5139119" "5150775" "5180186" "5186481" "5201388" "5201389" "5251927" "5277283" "5285875" "5285876" "5301973" "5308099" "5332068" "5354085" "5360089" "5386893" "5396973" "5423402" "5445401" "5449189" "5456480" "5462140" "5467852" "5494302" "5509677" "5533597" "5580075" "5586781" "5598903" "5653315" "5702092" "5803482" "5823305" "5829773" "5842688" "5848675" "5908200" "5921572" "5954167" "5957252" "5971116" "5992585" "5996746" "6024370" "6026939" "6036212" "6050583" "6073736" "6095541" "6102170" "6105987" "6105988" "6119830" "6120049" "6135434" "6149174" "6206152" "6212049" "6217049").PN. OR ("6260832" "6267400" "6290035" "6382370" "6457730" "6464053" "6467592" "6505719" "6543799" "6581948" "6595537" "6604751" "6612599" "6615960" "6619684" "6659240" "6698780" "6722678" "6786498" "6863291" "6953202" "6978872" "6991076").PN. OR ("7128192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 16:00
S18	71	("1281079" "2329803" "2774448" "3114705" "3319741" "3338347" "3414092" "3989261" "4254849" "4295658" "4492290" "4917222" "5072813" "5201388" "5277283"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/19 16:00

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S19	16	("6254067" "6286640" "5207300" "6182805" "5954167" "2698068" "4854429" "5190126" "5467852" "3747913" "4610332" "6305512" "6382372" "6302248" "1409849" "4936424").PN.	USPAT	OR	ON	2011/08/25 11:44
S20	3	((("6978872") or ("6604751") or ("20030075402"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/25 11:47
S21	18	(US-20050178626-\$ or US-20030075402-\$).did. or (US-6254067-\$ or US-5954167-\$ or US-5190126-\$ or US-4683992-\$ or US- 7044274-\$ or US-6286642-\$ or US-6286641-\$ or US-5477947-\$ or US-5360230-\$ or US- 4928799-\$ or US-4695226-\$ or US-4153237-\$ or US-6581948-\$ or US-6305512-\$ or US- 6604751-\$ or US-6978872-\$).did.	US-PGPUB; USPAT	OR	ON	2011/08/25 11:48
S22	6	(US-6305512-\$ or US-6286641-\$ or US- 6254067-\$ or US-5190126-\$ or US-4683992-\$ or US-4153237-\$).did.	USPAT	OR	ON	2011/08/25 12:47
S23	5	(US-6305512-\$ or US-6286641-\$ or US- 6254067-\$ or US-5190126-\$ or US-4683992-\$).did.	USPAT	OR	ON	2011/08/25 13:03
S24	3	(US-6305512-\$ or US-6286641-\$ or US- 5190126-\$).did.	USPAT	OR	ON	2011/08/25 13:23
S25	1443864	annular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:42
S26	1971	(188/313,314,319.1,319.2,322.2,299.1).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/08/25 13:42
S27	609	S25 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:42
S28	5543260	adjust\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:42
S29	190504	S25 same S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2011/08/25 13:43

			DERWENT; IBM_TDB			
S30	220	S26 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:43
S31	6011690	pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:48
S32	72225	S25 same S28 same S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:48
S33	137	S32 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/08/25 13:49

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	45	((damper or damping) and fluid and (chamber or cylinder) and pressure and (intensifi\$3 or boost\$3) and piston).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/03/21 12:01
L3	2	((damper or damping) and fluid and (chamber or cylinder) and pressure and (intensifi\$3 or boost\$3) and piston and (blow adj off)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/03/21 12:01
L4	2	((damper or damping) and fluid and (chamber or cylinder) and pressure and (intensifi\$3 or boost\$3) and piston and (blow adj off) and valve).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/03/21 12:01
L5	35	((damper or damping) and fluid and (chamber or cylinder) and pressure and (intensifi\$3 or boost\$3) and piston and valve).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/03/21 12:01
L6	7	((damper or damping) and fluid and (chamber or cylinder) and pressure and (intensifier) and piston and valve).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/03/21 12:02

3/ 21/ 2012 1:09:15 PM
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